



####

openSUSE Leap 42.1

openSUSE Leap ##### Linux #####
#####

####2015-11-14, #42.1.20151109

##

- 1 ## 2
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1

1.1 Minimal System Installation

In order to avoid some big recommended packages from getting installed the pattern for minimal installations uses another pattern that conflicts with the undesired packages. That pattern can be removed after installation, it's called patterns-openSUSE-minimal_base-conflicts

Note that the minimal installation has no firewall by default. If you need one, install SuSEfirewall2

1.2 UEFI—#####

```
### openSUSE ### UEFI (#####) ##### Windows 8#####  
##### UEFI ###  
  
##### ## UEFI ##### UEFI ##### openSUSE #####  
##### UEFI ## openSUSE ##### Linux ##### UEFI #####  
(pstore)#####
```

1.3 UEFI#GPT # MS-DOS

```
# EFI/UEFI #####GPT#GUID Partition Table##### GUID#128#####32#####  
#####  
  
###UEFI ##### MBR#MS-DOS##### Linux #####ELILO # GRUB2##### GUID #####  
##### GUID #####  
  
#####garbage collector#####entries#####entries#####  
##entries#####  
  
##### MBR ##### GPT #####
```

2

2.1 Network Interface Names

When upgrading a remote machine from openSUSE 13.2, make sure your network interfaces are named correctly.

openSUSE 13.2 used so-called predictable network interface names (for example, enp5s0), whereas Leap 42.1 uses persistent interface names (eth0). After upgrading and rebooting, the network interface names may therefore change. This could lock you out of the system. To avoid interfaces from being renamed, run the following command for each of your network interfaces before you reboot the system:

```
/usr/lib/udev/udev-generate-persistent-rule -v -c enp5s0 -n enp5s0 -o /etc/udev/rules.d/70-persistent-net.rules
```

Replace enp5s0 with the name of your network interface.

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3.1 Non-Oss Repository

After the installation the non-oss repository is disabled

Enable the openSUSE - Leap - 42.1 - Non-Oss repository using YaST or on the command line using zypper:

```
zypper mr -e repo-non-oss
```

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4.1

CUPS ##### 1.7

CUPS >= 1.6 ##### 1.5.4 #####

IPP ##### 1.1 ### 2.0### IPP ### (## SLE11 ### CUPS 1.3.x)#### IPP 2.0 ##### "Bad Request" (#
<http://www.cups.org/str.php?L4231>)##### IPP ##### client.conf ## ServerName ## '/
version=1.1' (ServerName older.server.example.com/version=1.1)#### CUPS_SERVER ##### '-h' #####
(lpstat -h older.server.example.com/version=1.1 -p)#

CUPS Browsing ##### cups-filters ## cups-browsed ##### CUPS Browsing ## Polling ###CUPS
DNS-SD##### cups-browsed ##### CUPS ##### CUPS Browsing #
CUPS Browsing ##### CUPS ##### /etc/cups/cups-browsed.conf ###
"BrowseLocalProtocols CUPS" ### cups-browsed#

CUPS ##### cups-filters ##### cups-filters ##### (## RPM ####)#####

The cupsd configuration directives are split into two files: cupsd.conf (can also be modified via HTTP PUT e.g. via cupsctl) and cups-files.conf (can only be modified manually by root) to have better default protection against misuse of privileges by normal users who have been specifically allowed by root to do cupsd configuration changes (see <http://www.cups.org/str.php?L4223>, CVE-2012-5519, and https://bugzilla.opensuse.org/show_bug.cgi?id=789566).

```
CUPS banner ### CUPS ##### CUPS >= 1.6 ##### cups-filters ##### /usr/share/cups/
banners/ #CUPS banner ##### /usr/share/cups/data/testprint ##### (### CUPS banner ###
##### CUPS >= 1.6 ## (##### CUPS banner ##)## cups RPM ##### (## http://www.cups.org/str.php?
L4120 )## CUPS >= 1.6 ##### cups-filters ## banner ##### cups-filters PDF workflow ##### cups-filters
##### bannertopdf #####
```

For details, see https://bugzilla.opensuse.org/show_bug.cgi?id=735404.

PDF #####

PostScript ## PDF ##### Linux ##### OpenPrinting #### CUPS

PostScript ##### PDF#

(##### "CUPS #####")##### PostScript ##### PDF ####
##

###Linux ## CUPS #### (## CUPS ## cups-filters ##) ##### PDF ##### PDF ##### PDF#####
pdftopdf ##### PDF ##### Ghostscript#

PDF ##### PostScript ##### PDF ### PostScript#####
PostScript+PDF #####

SUSE #### "Concepts printing" (http://en.opensuse.org/Concepts_printing) ## "Common
printing data formats" ###

5

5.1 KDE and Network Authentication

When using the KDE displaymanager SDDM with an authentication method that provides a high number of users SDDM becomes unusable. Additionally if the automounter is used SDDM may block for long time on startup trying to mount every user's home

Modify /etc/sddm.conf to contain the following entries:

```
[Theme]
Current=maldives

[Users]
MaximumUid=1002
```

See [Bug 953778 \(https://bugzilla.suse.com/show_bug.cgi?id=953778\)](https://bugzilla.suse.com/show_bug.cgi?id=953778) for details.

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- ##### CD ## README ###
- # RPM #####

```
rpm --changelog -qp <FILENAME>.rpm
```

<FILENAME> #####

- ##### DVD ##### ChangeLog #####
- ### DVD ## docu #####
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- ### <http://www.opensuse.org> ### openSUSE #####

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